



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: HM20240076
Cust No: 33700-12155

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: 31-6 Straddle
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: pipe rack disc
Well Flowing: Y
Pressure: 98 PSIA
Flow Temp: 85 DEG. F
Ambient Temp: 65 DEG. F
Flow Rate: 34 MCF/D
Sample Method: Purge & Fill
Sample Date: 09/20/2024
Sample Time: 8.45 AM
Sampled By: Clint Reynolds
Sampled by (CO): Harvest

Heat Trace: N
Remarks: Calculated Molecular Weight:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3802	0.3821	0.0420	0.00	0.0037
CO2	3.1097	3.1251	0.5320	0.00	0.0473
Methane	94.7836	95.2515	16.1000	957.31	0.5250
Ethane	1.2498	1.2560	0.3350	22.12	0.0130
Propane	0.3775	0.3794	0.1040	9.50	0.0057
Iso-Butane	0.0426	0.0428	0.0140	1.38	0.0009
N-Butane	0.0335	0.0337	0.0110	1.09	0.0007
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0127	0.0128	0.0050	0.51	0.0003
N-Pentane	0.0031	0.0031	0.0010	0.12	0.0001
Neohexane	0.0001	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0001	N/R	0.0000	0.00	0.0000
Cyclopentane	0.0001	N/R	0.0000	0.00	0.0000
2-Methylpentane	0.0007	N/R	0.0000	0.03	0.0000
3-Methylpentane	0.0003	N/R	0.0000	0.01	0.0000
C6	0.0009	0.0072	0.0000	0.04	0.0000
Methylcyclopentane	0.0005	N/R	0.0000	0.02	0.0000
Benzene	0.0002	N/R	0.0000	0.01	0.0000
Cyclohexane	0.0003	N/R	0.0000	0.01	0.0000
2-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
3-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
2-2-4-Trimethylpentane	0.0000	N/R	0.0000	0.00	0.0000
i-heptanes	0.0001	N/R	0.0000	0.01	0.0000
Heptane	0.0006	N/R	0.0000	0.03	0.0000

Methylcyclohexane	0.0007	N/R	0.0000	0.04	0.0000
Toluene	0.0005	N/R	0.0000	0.02	0.0000
2-Methylheptane	0.0001	N/R	0.0000	0.01	0.0000
4-Methylheptane	0.0001	N/R	0.0000	0.01	0.0000
i-Octanes	0.0001	N/R	0.0000	0.01	0.0000
Octane	0.0003	N/R	0.0000	0.02	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	0.0003	N/R	0.0000	0.02	0.0000
o Xylene (& 2,2,4 tmc7)	0.0001	N/R	0.0000	0.01	0.0000
i-C9	0.0003	N/R	0.0000	0.02	0.0000
C9	0.0001	N/R	0.0000	0.01	0.0000
i-C10	0.0002	N/R	0.0000	0.01	0.0000
C10	0.0001	N/R	0.0000	0.01	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0000	N/R	0.0000	0.00	0.0000
C12P	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	100.494	17.144	992.41	0.5968

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0022	CYLINDER #:	0460
BTU/CU.FT IDEAL:	994.7	CYLINDER PRESSURE:	93 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	996.9	ANALYSIS DATE:	10/01/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	979.6	ANALYSIS TIME:	03:05:15 AM
DRY BTU @ 15.025:	1016.9	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.5979		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.**GPA Standard: GPA 2286-14****GC: SRI Instruments 8610 Last Cal/Verify: 10/09/2024****GC Method: C12+BTEX Gas**



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: 31-6 Straddle

pipe rack disc

10/09/2024

Stn. No.:

33700-12155

Mtr. No.:

Smpl Date:	09/20/2024
Test Date:	10/01/2024
Run No:	HM20240076
Nitrogen:	0.3802
CO2:	3.1097
Methane:	94.7836
Ethane:	1.2498
Propane:	0.3775
I-Butane:	0.0426
N-Butane:	0.0335
2,2 dmc3:	0.0000
I-Pentane:	0.0127
N-Pentane:	0.0031
Neohexane:	0.0001
2-3-	0.0001
Cyclopentane:	0.0001
2-Methylpentane:	0.0007
3-Methylpentane:	0.0003
C6:	0.0009
Methylcyclopentane:	0.0005
Benzene:	0.0002
Cyclohexane:	0.0003
2-Methylhexane:	0.0001
3-Methylhexane:	0.0000
2-2-4-	0.0000
i-heptanes:	0.0001
Heptane:	0.0006
Methylcyclohexane:	0.0007
Toluene:	0.0005
2-Methylheptane:	0.0001
4-Methylheptane:	0.0001
i-Octanes:	0.0001
Octane:	0.0003
Ethylbenzene:	0.0000
m, p Xylene:	0.0003
o Xylene (& 2,2,4	0.0001
i-C9:	0.0003
C9:	0.0001
i-C10:	0.0002
C10:	0.0001
i-C11:	0.0000
C11:	0.0000
C12P:	0.0000
BTU:	996.9
GPM:	17.1470
SPG:	0.5979

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C6+ ☐ C9+ ☐ C12+ BTEX ☐
Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other Fxt Gas

Date _____

Sampled By: (Co.) Harvest Midstream Time _____ ☐ AM ☐ PM

Sampled by: (Person) Clint Reynolds Well Flowing: ☒ Yes ☐ No

Company: Harvest Midstream Heat Trace: ☐ Yes ☒ No

Well Name: 31-6 straddle Flow Pressure (PSIG): 98#

API #: _____ Flow Temp (°F): 85°

Lease#: _____ Ambient Temp (°F): 65°

County: _____ State: _____ Formation: _____ Flow Rate (MCF/D): 34 mcf

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☐ Other Rip Rock disc

Sample Type: ☒ Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other _____

Meter Number: _____ Cylinder Number: _____

Contact: 505 419 8456

Remarks: _____

33700-10430 Hm 202400

Line Leak Calc

Orifice Diameter	0.375 inches
Pressure	26 psig
Time/date Discovered	7/27/2025 21:00
Time/date Isolated	7/28/2025 12:00
Total Hours Blown	15.00 hours
Area of Orifice	0.110 sq. inches

Lost Gas From Line Leak 54.844 Mcf

Blowdown Calc

Length	feet
Actual Pipe OD	inches
Wall Thickness	inches
Pressure	26 psig

Lost Gas From Blowdown 0.000 Mcf

Total Gas Loss	54.84 Mcf
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Lost Gas=(Orifice Diameter)^2*Pressure*Time Blown

Lost Gas=(Inside Diameter)^2*Pressure*Length*0.372/1000000

Slot #2 Comp skid	54.844 Mcf
Slot #3 Comp skid	54.844 Mcf
Slot #3 Scrubber	54.844 Mcf
Slot #4 Scrubber	54.844 Mcf
Total	219.375 Mcf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 493683

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 493683
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• this application's operator, hereinafter "this operator";• venting and/or flaring, hereinafter "vent or flare";• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";• the statements in (and/or attached to) this, hereinafter "the statements in this";• and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 493683

QUESTIONS

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	Action Number: 493683
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fCS1608448772] 31-6 COMPRESSOR STATION

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	95
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	3
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 493683

QUESTIONS (continued)

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	Action Number: 493683
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/28/2025
Time vent or flare was discovered or commenced	12:00 PM
Time vent or flare was terminated	12:00 PM
Cumulative hours during this event	14

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Dump Valve Natural Gas Vented Released: 219 Mcf Recovered: 0 Mcf Lost: 219 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	During pigging operations, a high volume of liquid that was brought in while pigging caused the station to ESD. After pig run was complete a high volume of liquids continued to come into the station. In response the manual dump valves were manually opened to help with liquid removal and did not get closed before leaving location for the day
Steps taken to limit the duration and magnitude of vent or flare	Manual dump valves were shut once discovered to be left open
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Station ESD due to high liquid volume was uncontrollable. A site check will be conducted before personnel leaves site to check for any abnormalities.

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ACKNOWLEDGMENTS

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	Action Number: 493683
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

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	Action Number: 493683
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
chadsnell	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	8/8/2025